



SEQUENCE LISTING

COPY OF PAPERS
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7

<110> Elena Feinstein, et al.

<120> Sequence Characteristics of Bladder Cancer

<130> 65503-B

<140> 09/825,682

<141> 2001-04-04

<160> 49

<170> PatentIn version 3.1

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120

agannntaag gctatccttc cggnccctcgc gccttgcaaa ggtgaagaaa gtggtnnca
180

cngtcncaat ggantcctct agctctgtca gtggttctgc tgcnattatg gaacctgagg
240

ccaaagctga tgtcctcaag gggctagctg acctttgtca gggctgacct ctccctcagcg
300

gcagcagggc agagtgctga acccaggaac ccacagatcc tccccgnntcc tgtctcccg
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417

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120

aaaanaaaaaa agacagnctt nacaccattt ctaatngnan nactattttt gggcaatgtt
180

atgcaccact tcaatttccc cattgtgacc cctatcactt catttgatat ccctttnga
240

cccanccatc tccttcatat atggcatgt ccatagattt acaaagaaag tttacacttt
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ngaataaaaga tgcaaagtat gcaaaaacat taatactgat gcnaaaaaaa ntanaaaaa
359

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120

ttgtaaatca ccacctcact cctgtactta cctaaacaga tataaatggc tggttttaa
180

aaaaaaaaaa
190

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120

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<212> DNA
<213> Homo sapiens

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120

atactaccat agtgagccat gatTTCTAA aaaaaaaaa
157

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atactaccat agtgagccat gatTTCTAA aaaaaaaa
157

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120

tctgagccgc cctccatcca aggccaggtt ctccgttagc tcctgtggcc ccaccctggg
180

ccctgggctg gaatcaggaa tattttccaa agagtgatag tcttttgct ttttggcaaa
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actctactta atccaatggg tttttctctg tacagttagat tttccaaatg taataaactt
300

taatataaag taaaaaaaaaa
320

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120

taaatttcat tgtgttgatt tcttccttc ccaataggtg atcttaatta cttcagaat
180

atttcaaaa tagatatatt tttaaaatcc ttaaaaaaaaa a
221

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ctccaccttc cattttcccc cactactgca gcacacctccag gcctgttgct atagagccta
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157

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112

<210> 17

<211> 158

<212> DNA

<213> Homo sapiens

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cactgcccta ctgttggtat gactaccgtt acctactgtt gtcattgtta ttacagctat
120

ggccactatt attaaagagc tgtgtAACAT caaaaaaa
158

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<211> 398

<212> DNA

<213> Homo sapiens

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120

catggggcct ggcccacgccc ctccctctcc caggccccgag atgtgaccca ccagtgcctt
180

ctgtctgctc gtttagcttta atcaatcatg ccctgccttg tccctctcac tccccagccc

240

cacccctaag tgcccaaagt ggggaggac aaggattct ggaagcttg agcctcccc
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aaagcaatgt gagtcccaga gcccgtttt gttttcccc acaattccat tactaagaaa
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398

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120

tccctgccttggctcaa aggtggtgct tctgggggg ctgttcgtga tggtgttgat
180

cctcttcctg ggagcctcca tggtctacct gatccgggtg gcacggagga accaggagcg
240

tgccctgcgc accgtctgga gtcgnaga tgacaaggag cagctggtga agaacacata
300

tgtcctgtga ccgcctgtc gccaaagagga ctggngaaag ggaggggaga ctatgtgtga
360

gc

362

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<212> DNA
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tggatctgga tctacctata cagtccata tttagcttcta aaatatttgt caggaggg
118

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<211> 216
<212> DNA
<213> Homo sapiens

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120

tgaagaacat agcttggct caagttcaaa tgagccatct ttttcctttg cgttttctt
180

gactgaaggt gagatgttat ttgtggcatg tgaact
216

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<211> 140
<212> DNA
<213> Homo sapiens

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120

tttgcaatgg taaaaaaaaaaa
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<212> DNA
<213> Homo sapiens

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120

aacttttttg gagatgaaaa aaaaa
145

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<212> DNA
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tantactntg aaaatangga tatcatgatg ggaatgcattt tcatgaggc cagantcgtt
120

ctactgtcna taanctgtnt actngcgttg anaanaaaang atgtcaaagn ccccccgtaa
180

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187

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<211> 80

<212> DNA

<213> Homo Sapiens

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atgccactag caaaaaaaaaa

80

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<211> 155

<212> DNA

<213> Homo sapiens

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120

aattcatgtt agcaataaaat gatgttaaaa aaaaaa

155

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<212> DNA

<213> Homo sapiens

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cacactaacc acntgatgca ggccccacct tgccaatagt aataaagcan tgggacgtt
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184

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114

<210> 30
<211> 100
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (13)..(99)
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120

catccagtgg tccccaaagga atcccttcct agcctcctga catgagtctg ctggaaagag
180

catccaaaca aacaagtaat aaataaaataa ataaaactcaa aaaaaaaa
227

<210> 32

<211> 183

<212> DNA

<213> Homo sapiens

<400> 32

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caattctttt gtcttttgat attaaaaaga agtacatgtt cattgttagag aatttggaaa
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ctgtagaaga gaatcaagaa gaaaaataaaa aatcagctgt tgtaatcacc tagcaaaaaa
180

aaa

183

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<211> 297

<212> DNA

<213> Homo sapiens

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120

tccaggagac aaagattatt ttccttatta tctcttctgc ataggatctg caatcagaac
180

tattgaacct ctccatttag accgccactc acacctatgg gaaaaggta atgtatcatc
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297

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<211> 379

<212> DNA

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<223> n = unknown

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120

tgggtctgt gtgtgttagtg agagtgtgta tccacttta taactggaat ttaatttaca
180

ttcataaaact actatatttc ccatcttgca aatcatttta tgtctcatct gttttccctt
240

tcggntatat ctggnttt gaataccaac attaaaaatg atggnatttt atctttaaa
300

ctaaaaatt attaataca gctatatgga cttataaaa ttgatttctt atttattatt
360

agacattact actaaaagg
379

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<212> DNA
<213> Homo sapiens

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ggatgtctc tagctggctc gggatagct ggagcactta ctcaggtggc tggtaatg
120

acacctacga aggaatgagt gctatagaga ggagagagga gtg
163

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<212> DNA
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120

attcccatga ctgctgcacc tgcgtttta gagaatgcct cataacccac tgattctcat
180

tcacagagaa tggaaatacg gaatgaagaa agattccagc agcttataga aggatagcaa
240

tatTTggga caggaaaat cctgtcatac ctcaccttt cctcaggagg agttctgagc

300

tggtcctgct tttcatagnt gtttctttc ttccacttaa gaactcatag atttttctta
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ctgtcctaag gaagtccctta cctctgaggt atctcctcaa tgaataactgt tttcaaggct
420

gaaatagttc attatgttaa taaccttctt tatgttctca gggaaatgct tagtggtgt
480

cacaaaaagg gcctttctt tnctttnc
508

<210> 37

<211> 89

<212> DNA

<213> Homo sapiens

<400> 37

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60

gaacttgaca attataaata gtaatagtg
89

<210> 38

<211> 146

<212> DNA

<213> Homo sapiens

<400> 38

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taactgattc caatgacatt cattttgttt tcatctgtga tagtcatgga tgctttatt
120

ttccttgggg tgctgaaatt gagctg
146

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<212> DNA
<213> Homo sapiens

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120

caaaccact tccaaccttt gcacagtcc
149

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<211> 348
<212> DNA
<213> Homo sapiens

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<222> (339)..(339)
<223> n = unknown

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120

tggggggcag ggaactgtca ttcattttgc acaattcttg aactgatgtc agcacccgag
180

tggctcctga atttaagtct gggacgacat ctttatattt tacatgaatc tttaaacaat
240

tctgtgagca aagttttagt ctgctggatt attgtctgtc tttatagcaa gttccagtaa
300

accacaagta tggcaaagct tatccaattt tatgcttgna gcagtca
348

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<212> DNA
<213> Homo sapiens

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tccacagagg agctggaggc cacggttcag gaagtcctgg ggagactgaa gagccaccag
120

tttttccagt ccacatggga cactgttgcc ttcattgttt tcctcacctt catggcacc
180

gtgctgctcc tgctgctgct ggtcgctgcc cactgctgct gctgcagctc ccccgcccc
240

cgcagggaaa gcccccaggaa ggaaagaccc aagggagtgg ataacttggc cctggAACCC
300

tgaccctgtg tctcctgccc ggtggcagta acaaagcatt ctgtctgccc agaaaaaaaaa
360

aaaaaaaaa
368

<210> 42
<211> 545
<212> DNA
<213> Homo sapiens

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gaactccagc cccaaacccag agaaacatcc agaagagcct tgaatttagtg atccaaaacc

120

cagggggaaa ggcgacattc tcaccccccag cacccttc acctcaccc aactcctact
 180

ctctcggtct ataatcactg ctctctctct ccccaacacc actattgaac aggagccctt
 240

gtcaccaggta ccaagcaatt ccctaaggta tcacaaacaa tggtgatgc aattttacct
 300

tactcagtaa ccacgaggct cacatcccta atttcagact ctaccagctc tcaggtgcc
 360

tcccaagggg ctgcctgcat gaagatgcct tggaagtgc cccttcaca atcacaggaa
 420

ttaacccctt ggtgttggag gggcctcact ttaagcaatc ccagtagtaa acattggata
 480

aatctaaagg ctttcttaa tttttttt ctctcgtaa aggattcaaa gcaggcacag
 540

tggtg
 545

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<212> DNA

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gctatttaag tggcttgaca actggccac caaagaacct gaacttcacc ttttaggatt
 120

ttagctgttc tggaacacat tgctgcactt tggaaagtca aaatcaagtgc ccagtggcgc
 180

ccttccata gagaatttgc ccagcttgc tttaaaagat gtcttgat ttatatacac

240

ataatcaata ggtccaatct gctctcaagg cttgggtcct ggtgggattc cttcaccaat
300

tacttaatt aaaaatggct gcaactgtaa gaacccttgt ctgatatatt tgcaactatg
360

ctcccattta caaatg
376

<210> 44

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<212> DNA

<213> Homo sapiens

<400> 44

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60

gttgtgtat gaagatagag cccattgtgc tgtctctcca ggacacgttg tgtggcggtt
120

aagagcagaa agcaatgaag tccttctcca cgtgggtctt gtaaacagca tcttcctcca
180

ggttctcaga tgactgtgaa gaggccactt ccaaggatgc tggagagtct ctgacccaca
240

gttccccacg gtttgcacct ctgcaggcct ggacaatgat gaccttgggt ttgtccttca
300

gactgaggca gttgcggttg ttgaatatct ggaagatggt gtcataaagc agcacatctg
360

gtttttctc atcatgcaca gttccgcaga ttccctccag gatgccatga gacatgg
418

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<212> DNA

<213> Homo sapiens

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<211> 342

<212> DNA

<213> Homo sapiens

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120

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240

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<211> 207

<212> DNA

<213> Homo sapiens

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420

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465